

Plums  
Pollination  
1913

P L U M S .

Pollination record, 1913.

## SEED AND SEEDLING RECORD

Fruit.....~~Plums~~.....

Year Pollinated.....1913.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	America x Jewell		Feb.							
	America x S.Dak #33		2/15/13					0		
	Ames x Formosa		3/12/13					12		
	Apricot x Plum&Peach		2/20/13							
	Burbank x Borsota		2/28/13					38		
	" x DeSota		3/16/13					17		
	" x Howards Yellow		1/13	2/26				17		
	" x Jewel		2/24/13					97		
	" x Native Plum		2/26/13					3		
	(8 seeds mixed by falling)									
	" x Opata		3/16/13					18		
	" x Mixed									
	" x S.Dak #33									
	" x Winnepeg		3/13					13		
	" x Wyant		3/16					93		
	" x S tella		2/26					4		
	" x Topa		3/26					31		
	" x Zekante		3/16/13					20		
	Bursota x Burbank							4		
19	Bursota x Formosa		3/15					8		

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1913.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	Bursota x P. Pissardi		2/18							
	" x Shiro		2/18					18		
	Caviota x Topa									
	Cherry x Compass									
	De Sota x Burbank		2/25					40		
	" x America		2/25					9		
	" x Shiro		2/25					9		
	" x Formosa		"					4		
	Atopa x Apricot									
	" x Burbank									
	" x Bursota									
	" x P. Pissardi		2/17							
	" x Winnepeg		2/19							
	" Mixed									
	First Plum x Bursota									
	" x Howards Yellow									
	" x Jewell							0		
	" Seed mixed by falling									
	" x Bursota x Winnepeg									

31

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1913.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	First Plum x Winnepeg		3/23					0		
	" x Wolf		"					0		
	" x Wyant		"	?				0		
	Formosa x Bursota		3/21					0		
	" x Howards Yellow		3/21					0		
	" x DeS ota		3/20					0		
	" x Winnepeg		3/20					0		
	G old x Howards Yellow		3/28					13		
	" x S. Dak. #23		2/28					10		
	" x Stella		2/28					21		
	" x Bursota		2/26					15		
	" x Topa		2/26					11		
	" x Wyant		3/28					9		
	Jewell x Burbank		3/16					24		
	" x St Rosa							9		
	" Formosa		3/19					18		
	" x S hiro		3/19					5		
	P. Pissardi x Hybrid Plum		3/17					0		
56	" x DeSota		"					9		

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	Purple leaved plum									
	P. Pissardi x Howards Yellow		3/17					1		
	" x Zekante		"					6		
	Omaha x Burbank		"					76		
	Omaha x Apricot Early Moore Park		3/17					22		
	" x DeS ota		3/17					90		
	" x Gold							27		
	" x P. Pissardi							80		
	" x St. Rosa		3/19					20		
	" x Howards Yellow		"					10		
	" x Bursota							39		
	" x Winnepeg							74		
	" x Zekanta		3/17					40		
	Opata x Burbank									
	" x S t. Rosa									
	" x Apricot Early Moore Park									
	Pool's Pride x Borsota									
	" x DeS ota									
	Pur Sota x S t. Rosa		3/18					3		
16	" x Formosa		3/15					8		

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	S. Dak #33 x Burbank		3/17					10		
	Satsuma x Native Plum (S.D.33)		3/17					4		
	S hiro x Ames		3/24					0		
	Shiro x Bursota		2/26					16		
	" x DeS ota		2/26					18		
	" x S. Dak #33									
	" x Jewell									
	" x S. Dak. #33 & Howards Yellow									
	" x Howards Yellow									
	" x Mixed Plum									
	" x Native									
	" x Topa									
	" c Winnepeg		3/24					39		
	" x Wolf		3/24					0		
	" x Bursota & DeSota		2/26					3		
	Stella x Burbank									
92	" x Bursota		2/26					21		



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Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	Zekanta x Burbank		3/13					43		
	" x Formosa							1		
112	" x Apricot		2/26	Early Moore Park				4		







PLUM  
Pollination  
1916

PLUM

Pollination record, 1916

Replicate

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Experiment Station

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FRUIT BREEDING RECORD

Fruit

Project

Series or Breeding Record No.

Pistillate ♀

PARENTS

Staminate ♂

Date Emasculated

Date Pollinated

No. Seeds

NURSERY

Plot

Row

Number Seedlings

Observations made Mar. 10

Date Crossed

B x W 12

x B x W 12

2/24/16. Plums swelled but fell, *PO*  
Tubes formed 360

B x W 12

x B x W 21

" Do.

B x W 12

x Sandcherry

" "

None of the above crosses set and all were dropped 3/22/16 without further swelling than noted above.

B x W 10 x B x W 10  
Small 3 yr. tree.

2/21/16. None set 3/10/16.  
Pistils swelled sl.

B x W 21 x B x W 21

2/23/16 Pistils swelled *PO* & fell off  
*few grains few tubes*

" x B x W 12

" " " " " "

" x S.C.

" " " " " "

These three crosses (None set) fell about 10 days sooner than those on B x W 12.


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FRUIT BREEDING RECORD

Fruit \_\_\_\_\_

Project \_\_\_\_\_

Series or Breeding Record No.	Pistillate ♀	PARENTS	Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
							Plot	Row	
				Date Crossed					
		Observations made March 10.							
		B x W 10 x B x W 10		2/23/16	Pistils swelled and fell.				
		" x B x W 12		"	" " " "				
10		" x B x W 21		"	17 plums as large as  3/10				
		Compass Cherry Selfed		3/15/16					
13		" x B x W 12		3/16/16					
		" x B x W 21		3/16/16					

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FRUIT BREEDING RECORD

Fruit Plum

Project

Series or Breeding Record No.	Pistillate ♀	PARENTS		Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
								Plot	Row	
	Apex plum	x	Compass		3/18	3/19				
	Apex plum	x	Manitoba Sdlg.		3/18	3/19				
	Beauty Plum	x	Compass		3/17	3/19				
	Burbank	x	Apex Plumcot		3/15	3/16				
	Burbank	x	Compass Cherry		3/16	3/16				
	Burbank	x	Manitoba Sdlg.		3/16	3/17				
	Burbank	x	Manitoba Sdlg.		3/19	3/20				
	Compass	x	E. Morello		3/22	3/22				
	Compass	x	Schmidt's Biggarean		3/22	3/22				
	Manitoba Sdlg.				3/19	3/20				
21	Satsuma	x	Manitoba Sdlg.		3/17	3/19				

Duplicate

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1916.  
FRUIT BREEDING RECORD

Fruit Plum Project \_\_\_\_\_

Breeding Record Number	PARENTS Pistillate ♀	Staminate ♂	Number of Flowers Pollinated	Number Set	No. of Fruit Set	No. of Plump Seeds	No. of Aborted Seeds	Number of Seedlings
	Observations made Mar 10		Date Crossed					
	B x W 12	x B x W 12		2/24/16	Plums swelled but fell			
					Tubes formed 360			
	B x W 12	x B x W 21		"	Do			
	B x W 12	x Sandcherry		"	Do			
	None of the above crosses set and all were dropped 3/22/16. without further swelling than noted above							
	B x W 10	x B x W 10		2/21/16	None set 3/10/16			
	Small 3 yr tree				Pistils swelled sl.			
	B x W 21	X B x W 21		2/23/16	Pistils swelled and fell off few grains few tubes			
	"	x B x W 12		"	Pistils swelled and fell off few grains few tubes			
	"	x S.C.		"	Pistils swelled and fell off few grains few tubes			
	These three crosses ( None set) fell about 10 days sooner than those on B x W 12							

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FRUIT BREEDING RECORD

Fruit Plum

Project \_\_\_\_\_

Breeding Record Number	PARENTS		Number of Flowers Pollinated	Number Set	No. of Fruit Set	No. of Plump Seeds	No. of Aborted Seeds	Number of Seedlings
	Pistillate ♀	Staminate ♂						
	Observations made March 10			Date Crossed				
	B x W 10	x B x W 10		2/23/16	Pistils swelled and fell			
	"	x B x W 12		"	"	"	"	
	"	x B x W 21		"	17 plums as large as			on 3/10
	Compass Cherry	Selfed		3/15/16				
	"	x B x W 12		3/16/16				
	"	x B x W 21		3/16/16				



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Fruit Plum

Project \_\_\_\_\_

Breeding Record Number	Pistillate ♀	PARENTS	Staminate ♂	Number of Flowers Pollinated	Number Set	No. of Fruit Set	No. of Plump Seeds	No. of Aborted Seeds	Number of Seedlings
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Observations Made March 10

Date Crossed

B x W 10 x B x W 10

2/23/16 Pistils swelled and fell

" x B x W 12

" " "

" x B x W 21

" 17 plums as large as on 3/10

Compass Cherry Selfed

3/15/16

" x B x W 12

3/16/16

" x B x W 21

3/16/16

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1916.  
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Breeding Record Number	PARENTS		Number of Flowers Pollinated	Number Set	No. of Fruit Set	No. of Plump Seeds	No. of Aborted Seeds	Number of Seedlings
	Pistillate ♀	Staminate ♂						
	Observations made Mar 10		Date Crossed					
	B x W 12	x B x W 12		2/24/16	Plums swelled but fell			
					Tubes formed 360			
	B x W 12	x B x W 21		"	Do			
	B x W 12	x Sandcherry		"	Do			
	None of the above crosses set and all were dropped 3/22/16. without further swelling than noted above							
	B x W 10	x B x W 10		2/21/16	None set 3/10/16			
	Small 3 yr tree				Pistils swelled sl.			
	B x W 21	X B x W 21		2/23/16	Pistils swelled and fell off few grains few tubes			
	"	x B x W 12		"	Pistils swelled and fell off few grains few tubes			
	"	x S.C.		"	Pistils swelled and fell off few grains few tubes			
	These three crosses ( None set) fell about 10 days sooner than those on B x W 12							

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1917

FRUIT BREEDING RECORD

Fruit

Project

Series or Breed-  
ing Record  
No.

Pistillate ♀

PARENTS

Staminate ♂

Date  
Emasculated

Date  
Pollinated

No.  
Seeds

NURSERY

Plot

Row

Number  
Seedlings

Date No. Setting  
Crossed 4/24

No. Setting  
Apr. 1.

Burbank x BxW 9 -

Mar. 15 Setting good

Setting good

Yellow Egg x B x W 9 -

" Few setting

Few setting

Compass x Yellow Egg -

" Good set

Good set

" x Wickson -

" " " Loaded

Burbank x B x W 21 -

" Good Set Apr. 15

Compass x Plumcot -

" " " " "

Compass x Burbank -

" " " " "

Burbank x Self -

" 6 on whole tree setting

B x W 12 x B x W 21 -

Few blossoms No fruit

B x W 6 x B x W 6 -

No fruit, 2 doz. selfed

B x W 12 x B x W 12 -

" " " " "

B x W 6 x Apex plumcot -

5 fruit set out of 15

B x W 9 x Wickson -

Setting good

B x W 9 x B x W 6 -

Setting 5%

B x W 6 x Wickson -

Good set

B x W 6 x B x W 21 -

0 fruit

16

Add B typed copy of F.B.F.

*Handwritten notes:*  
16  
Burbank x BxW 9 -

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1917

FRUIT BREEDING RECORD

Fruit \_\_\_\_\_

Project \_\_\_\_\_

Series or Breeding Record No.	Pistillate ♀	PARENTS	Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
							Plot	Row	
		Wickson x B x W 9 -		Good set					
		B x W 1 x B x W 21 -		5% set					
		B x W 21 x B x W 1 -		5% set					
		B x W 21 x Burbank -		10% set					
		B x W 21 x self -		None set					
		Burbank x B x W 9 )	Crossed the	Setting full					
		Burbank x Self )	same day	None set					
		Burbank x B x W 6 -		Full set					
		Burbank x Manitoba -		" "					
		B x W 6 x Burbank -		2% few setting					
		Burbank x Manitoba -		Full set (Another tree)					
		B x W 6 x Burbank -		4 setting on tree. 1%					
30		Manitoba x Burbank -	(3 yr tree)	No fruit.					

*Duplicate*

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1918

FRUIT BREEDING RECORD

Fruit \_\_\_\_\_

Project \_\_\_\_\_

Series or Breeding Record No.	Pistillate ♀	PARENTS	Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
							Plot	Row	
Tree No.				Date Crossed	No. fls. Poll.	Fruit Set	Fruits.		
1	A x W 35	x B x W 12		Mar. 8	274	3			
5	B x W 12	x Manitoba		" 10	309	151	59	7/6/18	
5	B x W 12	x B x W 9		" 10	139 +14	16	7	"	
5	B x W 12	x B x W 6		" 10	160	12	3	"	
5	B x W 12	x A x W 35		" 10	264	79	45	"	
5	B x W 12	x Yellow Egg		" 10	80	20	2	"	
6	B x W 9	x A x W 35		" 10	209	63	50		
6	B x W 9	x Yellow Egg			65	10	13?		
6	B x W 9	x B x W 6			61	3	2		
9	B x W 1	x B x W 9			237	10	5		
9	B x W 1	x Yellow Egg			116	29	0		
9	B x W 1	x B x W 6			127	2	0		
9	B x W 1	x Terry			20	6	4		
9	B x W 1	x A x W 35			105	1?	0		
10	B x W 12	x B x W 9			147	32	13		
10	B x W 12	x Manitoba			91	29	21		
17 10	B x W 1 2	x A x W 35			41	5	3		

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FRUIT BREEDING RECORD

Fruit

Project

Series or Breeding Record No.	Pistillate ♀	PARENTS		Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
								Plot	Row	
					Mar.13	<i>in file 28 set</i>		<i>mat.</i>		
3	Yellow Egg	x	Schmidts Biggereau			28	0			
3	" "	x	Compass Cherry		"	133	0			
3	" "	x	Manitoba		"	42	0			
4	Compass	x	Yellow Egg		Mar.14	105	37	1	7/16/18	
4	"	x	Bing Cherry		"	34	0	1	7/6/18	
4	"	x	Burbank			175	116	4	"	
7	Compass	x	Yellow Egg		Mar.13	1222	615	1	"	
7	Compass	x	Schmidts Biggereau			169	1?	1	"	
8	B x W 9	x	B x W 12			537	0			
11	Terry	x	Burbank			11	0			
2	B x W 6	x	Manitoba		Mar.14	149	59	52	7/6/18	
2	B x W 6	x	Yellow Egg		"	17	7	8	"	8
2	B x W 6	x	B x W 9		"	208	40	33	+ 15	small
2	B x W 6	x	B x W 9		16	108	8	5		
12	Schmidts Biggereau	x	Compass		"	26	0			
13	Burbank	x	B x W 1		"	128	52	34	7/18	
14	Burbank	x	B x W 1			12	8	6		
15	Mont.Stark Cherry	x	Eng.Morello		18	82	26	21		

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FRUIT BREEDING RECORD

Fruit

Project

Series or Breeding Record No.	Pistillate ♀	PARENTS	Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
							Plot	Row	
16	Eng. Morello	x Dyehouse		Mar. 18	120	36	26		
17	Eng. Morello	x Compass		"	221	59	23		
17	"	x Dyehouse		"	192	93	74		
18	Bing	x Compass		15	49	0			
19	Yellow Egg	x B x W 6		16	45	0	1		
19	" "	x Compass		16	48	0			
20	A x W 35	x Self		16	84	2?			
21	B x W 6	x Self		16	185	1?			
22	Satsuma	x B x W 12		16	17	9	2		
23	B x W 12	x B x W 6		16	47	8			
24	(Compass x Apr.)	x B x W 9		17	50	0			
24	"	x Compass		"	34	0			
25	B x W 12	x Self		"	49	0?			
26 1/2	B x W 6	x Manitoba		24	20	6	9		
26 1/2	"	x B x W 9		"	39	8	6		
26 1/2	"	x Yellow Egg		"	84	37	9		

Prob. cross  
Pricking stigma on 1  
limb did no good as to  
setting

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FRUIT BREEDING RECORD

Fruit

Project

Series or Breeding Record No.	Pistillate ♀	PARENTS	Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
				Date Crossed	No. fls. Poll.	Fruit Set	Plot	Row	
27	Burbank	x Surprise		Mar. 23	100	54	} 60		
27	"	x B x W 6		"	70	14			
28	Surprise	x Burbank		"	82	22			
29	Schmidts	Biggareau x Eng. Morello		Mar. 31	61	26	19		
30	Surprise	x Double Cherry		Mar. 23	30	0			
31	Burbank	x Bx W 6			209	14	12		
31	"	x B x W 9			314	85	53		
32	Dyehouse	x Eng. Morello		Mar. 21	103	23?	27		
33	Burbank	x W 6 x Surprise		23	44		96		
33	"	x Burbank		23	291	7	8		
34	"	x Surprise		23	243	124	14	7/23/18	
35	Compass	x Eng. Morello		Mar. 20	192	0			
36	P. simoni	x Surprise		23	48	7	4		
37	Burbank	x Surprise		23	114	88	57	All fls. in many clusters set	
38	Surprise	x Burbank		23	26	2			
40	Early Richmond			25	397	15	21		
41	Dyehouse	x Compass		24	114	30	16		



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FRUIT BREEDING RECORD

Fruit

*Duplicate*

Project

March, 1919

Series or Breeding Record No.	Pistillate ♀	PARENTS	Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY		Number Seedlings
							Plot	Row	
Tree no.				Fls. poll	Set	Fruit mat.	Seeds Norm.	Aborts	
1	BxW <i>B12</i> x	B x W 12		221	19	5			
2	Burbank x	B x W 9		76	30	8			
3	B x W 12 x	B x W 9		151	0				
4	B x W 12 x	B x W 6		201	29	7			
5	B x W 12 x	B x W 6		140	22	14			
6	B x W 6 x	B x W 9	Same cross as '18	210	64	57			
7	B x W 9 x	B x W 12		309	0				
8	B x W <i>B12</i> x	B x W 12		209	24	9			
	"	x B x W 9		188	32	7			
	"	x Burbank		89	18	8			
9	Burbank x	B x W 9		170	48	27			
	"	x B x W 12		68	5	5			
	"	x B x W 6		241	46	46			
	"	x Yellow Egg		124	43	11			
10	Yellow Egg x	B x W 9		Whole tree	4	1			
<i>16</i> 11	Burbank x	B x W 1		77	5	4			

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Fruit \_\_\_\_\_

Project \_\_\_\_\_

March, 1919

Series or Breeding Record No.	Pistillate ♀	PARENTS		Staminate ♂	Date Emasculated	Date Pollinated	No. Seeds	NURSERY			Number Seedlings
								Plot	Row		
Tree No.					Fls. poll.	Set	Fruit Mat.	Seeds Norm.	Row Aborts		
12	Yellow Egg	x	B x W 1		70	0					
	"	x	B x W 9		8	0					
	"	x	B x W 35		49	3	4	5			
13	A x W 35	x	B x W 1		16	1	1				
	"	x	B x W 9		65	7	8				
14	Burbank	x	B x W 1		51	5	4				
16	Burbank	x	B x W 9		28	11	10				
17	Burbank	x	B x W 35		38	13	5				
	"	x	B x W 1		76	29	21				
18	B x W 1	x	B x W 9		78	1	0				
	"	x	Yellow Egg		54	7	5	5			
	"	x	B x W 35		92	0					
	"	x	B x W 6		9	0					
30 '9	Burbank x W #9 x Burbank							59			

Plum

Pollination

1920

P L U M S .

Pollination Record, 1920

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
1-20		S.C. x Formosa x Mont. Stark	421	2/12	1		1				
		S.C. x Formosa x Pr. Tomentosa	416	"	8		5				
2-20		Kaga x Pr. Tomentosa	82	2/11	0		0				
3-29		S.C. x Satsuma x Pr. Tomentosa	365	2/12	0		0				
4-10		9-5-13-21 x Emerald	49	2/13	8		7				
		9-5-13-21 x B x W 9	90	"	7		9				
5-20		M 5-4-55x-Pr. Tomentosa	337	2/14	0		0				
6-20		Emerald x S.C. x Formosa	28	2/12	0		0				
		Emerald x Kaga	55	"	7		7				
		Emerald x B x W 9	39	"	1		0				
		Emerald x S.C. & Satsuma	105	"	2		0				
		Emerald x BxW 5	359	"	14		11				
7-29		5-7-15 S.C. x Satsuma x Pr. Tomentosa	469	2/14	29		0				
8-20		5-6-11 S.C. x Formosa x Mont. Stark	178	2/12	0		0				
8-20		S.C. x Formosa x Pr.	167	"	16		6				
9-20		Emerald x BxW 5 Tomentosa	90	2/15	8		5				
10-20		Zumbra Cherry x Pr. Tomentosa	180	"	9		3				
11-20		Wakapa x Emerald	21	2/16	0		0				

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plum Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
12-20	Emerald x B x W 9	235	2/16	24		16				
	" x B x W 5	169	"	11		6				
13-20	Zumbra Cherry x Mont. Stark	206	"	0		0				
14-20	S.C. Hybrid x Pr. Tomentosa	327	2/13	0		0				
15-20	B x W 9 x Emerald	224	3/12	0		0				
	B x W 9 x B x W 5	927	"	34		9				
16-20	50 Hybrid x B x W 5	552	2/16	0		0				
17-20	B x W 12 x Emerald	24	23/13	4		2				
18-20	<sup>5-1-52</sup> B x W mixed x 145 x	64	2/17	0		0				
19-20	B x W Mixed x S.C. x Satsuma	152	2/14	0		0				
20	Mont. Stark x S.C. x Formosa	540	2/17	36		35				
21	S.C. x Apricot x S.C. x Zumbra x Cherry	249	2/16	3		0				
	<sup>5-5-24</sup> Mont. Stark x S.C. x Tomentosa	186	"	0		0				
22	Mont. Stark x S.C. x Satsuma	137	3/17	4		4				
23	B x W 5 x S.C. x Apricot	174	"	0		0				
	B x W 5 x Emerald	182	"	0		0				
24	Zumbra Cherry x Ey. Richmond	191	2/19	0		0				
25	B x W 9 x B x W 5	580	"	36		15				

## SEED AND SEEDLING RECORD

Fruit.....Plums.....1920..

Year Pollinated.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
26		Emerald x B x W 5 5-6-24	673	2/19	55		30				
27		S.C. x Apr. x Compass x Apricot	88	2/18	0		0				
		S.C. x Apr. x Mont. Stark	698	"	0		0				
28		B x W 5 x B x W 12	44	2/17	0		0				
		" x B x W 9	100	"	5		0				
		" x 50 Hybrid	382	"	10		0				
29		B x W 12 x B x W 5	19	2/19	0		0				
30		B x W 91 x B x W 5	126	2/16	4		4				
31		B x W 9 x S.C. x Satsuma	40	"	9		9				
		B x W 9 x B x W 5	197	"	28		8				
32		Zumbra Cherry x Ey. Richmond	300	2/19	0		0				
33		S.C. x Apr. x Pr. Tomentosa	591	2/17	0		0				
		S.C. x Apr. x Mont. Stark	91	"	0		0				
34		145x x Pr. Tomentosa	179	2/15	0		10				
		145 x x Mont. Stark	251	"	1		1				
35		Pr. Tomentosa x S.C. x Formosa	133	2/11	0		0				

## SEED AND SEEDLING RECORD

1920

Fruit.....Plums.....

Year Pollinated.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinat- ed	Location in Seedbed	No. Seedlings Dug
36		Compas x Apr. x 145X	105	2/17	0		0				
		" x " x S.C.xApr.	81	"	0		0				
36-20		(Compas x Apr.) x Kaga	182	"	5		1				
		Compas x Apr. x B xW 5	43	"	0		0				
		Compas x Apr. x S.C. x	48	"	0		0				
		Compas x Apr. x BxW 9	71	"	0		0				
		Compas x Apr. x S.C. x	104	"	0		0				
		Compas x Apr. x Emerald	76	"	0		0				
37-20		S.C. x Satsuma x BxW 9	62	2/20	12		0				
38		S.C. x Apr. x BxW 5	248	2/18	9		7				
39		A x W mixed x BxW 5	582	"			8		49 set but fell 20 still on 4/8/		
40		Cherry x Emerald	311	2/22	1		1				
41		Cherry x Eng. Morello	317	2/20	30		0				
42		Eng. Morello x Sapa	506	2/20	81		69				
		" x S.C. x Satsuma	132	"	15		14				
		" x S.C. x Formosa	311	"	62		50				
		" X Zumbra	184	"	27		22				
<sup>No</sup> 43		Cherry x Eng. Morello	403	2/22	0		0				

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1920.....

Breeding No.	Tab No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
44	5-6-24	S.C. x Apr. x Mont. Stark	571	2/18	2		0				
45	5-6-24	S.C. x Apr. x Emerald	144	2/20	9		0				
46		Ey. Richmond x 145x	287	2/17	2		2				
		Ey. Richmond x S.C. x Formosa	139	"	7		6				
		Ey. Richmond x Zumbra	66	"	3		3				
47		Assiniwain x B x W 5	43	2/18	1		0				
48		Ey. Richmond x S.C. x S. atsuma	269	2/17	23		19				
49		Sapa x BxW 5	98	2/20	10		10				
		Sapa x Ey. Richmond	137	"	0		0				
		Sapa x Mont. Stark	294	"	1		1				
50		L 5-4-53 x Eng. Mareello	13	2/21	0		0				
51		5-6-102 x Emerald	44	2/23	0		0				
		5-6-102 x BxW 5	68	"	6		6				
		5-6-102 x Eng. Mareello	152	"	0		0				
		5-6-102 x S.C. x Apr.	45	"	4		3				
86		5-6-103 x S.C. x Formosa	47	"	1		0				



## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	52	B x W 2 x Sapa	213	2/23	0						
	52-20	B x W 2 x Emerald	188	"	5		5				
	52-20	B x W 2 x B x W 5	358	"	6		6				
	53	No.91 x B x W 5	30	2/24	0						
	54-20	No.B x W 9 x BxW 5	170	"	9		8				
		B x W 9 x 5-6-102	117	"	19		30				
		B x W 9 x B x W 2	177	"	54		26				
	55	B x W 2 x B x W 5	254	"	8		6				
		B x W 2 x 5-6-102	48	"	0						
		Bx W 2 x Sapa	239	"	2		1				
	56	B x W 5 x BxW 12	506	2/25	0						
	57	S.C. Large & Eng.Mareello	461	"	2						
	58	Kaga x BxW 5	482	2/24	0						
	59	5-4-35 x Mont.Stark	102	"	1		1				
	60	K.S.C.x x Eng.Mareello	756	2/25	0						
	61	BxW 5 x Stella	319	"	0						
		B x W 5 x S.C. x Climax	256	"	0						
		B x W 5 x No.91	240	"	0						

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

1920  
Year Pollinated.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
62		Wakapa x BxW 9	120	2/24	0						
63		S.C. x Climax x BxW 9	430	2/25	124	60					
		S.C. x Climax x BxW 5	147	"	38	24					
		S.C. x Climax x Eng. Marellio	214	"	0						
		S.C. x Climax X Bing	123	"	0						
64		L 55-4-53 x Eng. Marellio	169	2/27	0						
65		Cherry x Apr. x BxW 5	154	"	16	3					
		Cherry x Apr. x No. 21	221	"	14	5					
		Cherry x Apr. x Ey. Richmond	404	"	0						
		Cherry x Apr. x Eng. Marellio	130	"	2	1					
66		S.C. x Climax x BxW 5	226	2/28	48	30					
		S.C. x Climax X No. 21	187	"	43	42					
		S.C. x Climax x Eng. Marellio	267	"	10	8					
67		Ax 5-2-40 x Ey. Richmond	728	2/27	14	6					
68		Sapa x Bing	293	2/28	6	6					
		Sapa x No. 21	169	"	56	48					
		Sapa x BxW 5	106	"	25	18					
69		Pr. S imoni x Assiniboin	93	"	9	1					

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## SEED AND SEEDLING RECORD

Fruit..... Plums.....Year Pollinated..... 1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germini- nated	Location in Seedbed	No. Seedlings Dug
70		Wickson x Terrie	25	2/28	0						
71		Winnepeg x Wickson	60	"	0						
72		Winnepeg x Wickson	86	"	0						
73		S.C. x Climax No. 21	353	2/26	99		73				
		S.C. x Climax x Ing	119	"	0						
		S.C. x Climax x Stella	246	"	36		28				
		S.C. x Climax x Eng Mareello	98	"	1		1				
74		BxW 21 x BxW 12	672	"	5		2				
75		K.S.C. X x Ey. Richmond	404	2/28	9		7				
76		Birbank x Assiniboin	13	2/27	3		2				
78		No. 91 x BxW 5	55	"	0						
79		5-8-15-15 x Ing	437	"	0		0				
		5-8-15-15 x Eng. Mareello	128	"	0		0				
		5-8-15-15 x No. 21	146	"	18		15				
		5-8-15-15 x BxW 5	378	"	81		55				
80		Wakapa x BxW 5	302	2/28	9		9				
		" x Mont. Stark	189	"	2		2				
81		F x W 18 x No. 21	111	2/27	14		8				

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated..1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
82		K S C x x Bing	439	2/27	4		4				
83		15-4-23 x My. Richmond	204	"	0						
84		Compass x Satsuma x	197	"	34		1				
		Compass x BxW 5									
		Compass x Satsuma x	251	"	0						
		Dyehouse									
85		S.C. x Apr. x Eng. Marelo	340	"	0						
		S.C. x Apr. x B X W 5	181	2/28	0						
		S.C. x Apr. x Stella	192	"	5		3				
86		Stella x BxW 12	528	2/26	5		4				
87		No. 91 x BxW 12	177	2/27	2						
88		Stella x B x W 5	206	2/24	11						
89		S.C. x Apr. x BxW 5	286	2/28	16						
		S.C. x Apr. x My. Richmond	121	"	2		1				
90		Terry x BxW 12	68	2/27	0						
91		Burbank x Assiniboin	52	"	4						
92		S.C. Hybrid x My. Richmond	414	"	13		12				
		SC. Hybrid x Ming	68	"	9		8				
159 93		No. 91 x BxW 5	188	"	11		3				

## SEED AND SEEDLING RECORD

1920

Fruit.....Plums.....

Year Pollinated.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
94	52-20-13	x BxW 5	447	2/28	245	113					
	52-20-13	x Eng. Morello	153	"	15	12					
	52-20-13	x Sapa	146	"	108	73					
95	Wakapa	x BxW 5	280	"	1	1					
	"	x Eng. Morello	283	"	2	2					
96	S. C.	x Climax X <sup>Richmond</sup> By.	367	"	3	6					
	S. C.	x Climax X Sapa	342	"	116	111					
97	S. C. large	x Sapa	170	"	23	13					
	S. C. large	x Eng. Morello	192	"	5	4					
	S. C. large	x By. Richmond	128	"	4	4					
	S. C. large	x BxW 5	91	"	3	3					
98	Wickson	x Terry	6	"	0						
99	BxW 12	x BxW 5	334	2/25	21						
	B x W 12	x Assiniboin	62	2/26	4						
	B x W 12	x Terrie	220	"	52						
	B x W 12	x Stella	190	"	3						

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## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated..... 1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	100	B x W 21 x B x W 5	180	2/26	9		3				
		B x W 21 x Stella	247	"	12		12				
		B x W 21 x Terrie	56	"	13		6				
		B x W 21 x No.91	61	"	3		3				
		B x W 21 x Assiniboin	84	"	20		15				
		B x W 21 x Sapa	40	"	0						
		B x W 21 x S.C. x Climax	262	"	22		18				
	101	Compass x Apr. x Stella	63	"	0						
		Compass x Apr. x S.C. x Climax	272	"	0						
		Compass x Apr. x Kaga	66	"	0						
	102	Assiniboin x B x W 5	58	2/27	1		1				
	103	Assiniboin x Wickson	48	2/28	0						
	104	Cherry x Apr. x Assiniboin	287	"	3						
		Cherry x Apr. x BxW 5	196	5/1	9		3				
		Cherry x Apr. x Almond	74	"	1						
	105	Zumbra Cherry x Eng. Morello	356	2/28	4		3				
	106	" Cherry x Eng. Morello	182	"	4		4				
	107	Zumbra Cherry x Eng. Morello	132	2/29	1						

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	108	Assinibein x Burbank	37	3/4	0						
	77	Winnepeg x B x W 5	15	"	0						
	109	S.C. x Ey. Richmond	114	3/9	3		2				
		S.C. x Eng. Morello	109	"	4		1				
		S.C. x S.C. x Formosa	123	"	32		16				
		S.C. x B x W 21	136	"	18		12				
		S.C. x Sapa	170	"	42		31				
		S.C. x Mont. Stark	184	"	3		3				
	110	S.C. x B x W 21	308	"	14		11				
		S.C. x B x W 9	330	"	14		13				
		S.C. x B x W 5	72		0		0				
		S.C. x Stella	156		4		4				

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920  
1930.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
111	B	x W 12 x Kaga	513	3/15	176		121				
	B	x W 12 x Burbank	231		44		11				
	B	x W 12 x Emerald	122		5		0				
	B	x W 12 x No.35	374		62		29				
112		Burbank x No.35	484	3/12	207		110				
		Burbank x 5-6-165	21		8		4				
		Burbank x S.C. x Apr.	23		4		2				
		Burbank x Sapa	84		116		82				
		Burbank x No.1	201		50		36				
113		Burbank x Sand Cherry	452	3/12	32		27				
		" x Assiniboin	135		33		32				
		" x No.35	206		80		81				
		" x Bx W 5	96		29		18				
		" x Stella	186		10		7				
		Burbank x B x W 12	448		90		69				
221 114		P.Simonii x Sand Cherry	62	3/13	10		3				



## SEED AND SEEDLING RECORD

Fruit.....Plum.....Year Pollinated 19 20.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	115	Burbank x B x W 1	174	3/13	21		7				
		Burbank x 5-5-165	215		110		52				
		Burbank x S.C. x Apr.	4		1						
		Burbank x Sand Cherry	364		92		108				
		Burbank x Stella	85		5		3				
		Burbank x No.35	478		207		156				
	116	No.35 x Burbank	349	3/14	49		44				
		No. 35 x B x W 1	191		0						
		" x Kaga	73		39		36				
		" x S.C. x Apr.	95		0						
		" x Stella	85		0						
		No. 35 x B x W 12	129		30		17				
		No.35 x B x W 6	85		0						
		" x B x W 9	85		2		2				
	117	Burbank x B x W 12	891		223		171				
		" x B x W 9	197		35		15				
		" x Kaga	497		238		126				

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
118		B x W 1 x Kaga	115	3/14	39		34				
		B x W 1 x No.35	380		0		0				
		B x W 1 x Burbank	411		32		9				
		B x W 1 x B x W 5	111		2		3				
		B x W 1 x B x W 12	312		16		12				
119		Burbank x B x W 12	277	3/16	58		46				
120		Emerald x No.35	6	3/17	2						
121		5-6-106-110 x No.35	162		46		3				
		5-6-106-110 x BxW 12	266		42		3				
		5-6-106-110 x Wickson	345	3/18	153		9				
122		Kaga x B x W 12	305	3/17	74		83				
		Kaga x Burbank	74		42		5				
		Kaga x B x W 1	297		65		67				
123		45-2-40 x BxW 12	211	3/17	0		4				
124		B x W 12 x B x W 21	197	3/18							
125		B x W 6 x Emerald	131	3/14							
		B x W 6 x 5-6-165	154	"							
126		Emerald x B x W 12	272	3/17	24						

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## SEED AND SEEDLING RECORD

1920

Fruit.....Plum.....

Year Pollinated.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
127		B x W 12 x Kaga	952	3/15	332		195				
128		B x W 12 x Kaga	122	3/18	40		18				
129		5-6-165 x Burbank	124	3/15	55		29				
		5-6-165 x B x W 1	132		20		16				
130		S.C. x Climax x B X W 1	517	3/17	146		98				
131		B x W 5 x B x w 12	126	3/18	9		3				
132		Kaga x Burbank	181	3/19	68		58				
133		B x W 9 x Burbank	75	3/17	10		9				
		" x B x W 1	132	"	13		9				
		" x B x W 5	236	"	15		5				
134		B x W mixed x B x W 1	261	3/19	6						
135		B x W mixed x Wickson	25	"	0		0				
		B x W mixed x B x W 22	97	"	1		0				
136		S.C. x Climax X BxW 12	198	"	6		2				
137		Burbank x No. 35	78	"	17		17				
138		Burbank x Kaga	730	3/18	526		240				
139		A5-2-20 x B x W 1	275	3/19	23		6				
274 140		5-6-106-110 x Yellow Egg	208	3/17	35						

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
141		Kaga x Burbank	126	3/20	48		48				
142		B x W 8 x B x W 1	21	"	7		6				
143		S.C. x Climax x BxW 21	232	3/19	26		9				
144		B x W 21 x Emerald	489	3/17	12						
145		Yellow Egg x 5-6-106-110	211	3/18	7		5				
146		B x W 12 x Kaga	401	3/14	131		89				
		B x W 12 x 5-6-165	167	"	6		1				
		B x W 12 x B x W 5	176	"	8		8				
147		B x W 12 x No. 35	285	3/16	92		47				
		B x W 12 x B x W 21	350	"	0		0				
148		5-6-11-22 x Wickson	226	3/20	73		55				
		5-6-11-22 x B x W 21	211	"	105		81				
		5-6-11-22 x Burbank	546	"	125		98				
149		Burbank x B x W 1	557	3/22	108		32				
		Burbank x 5-6-106-110	351	"	244		32				
		Burbank x B x W 21	143	"	34		1				
		Burbank x B x W 12	285	"	97		14				
292	150	Burbank x Kaga	615	3/19	279		188				

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1920.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
151		B x W 12 x Kaga	667	3/22	337		142				
152		Burbank x B x W 12	123	3/19	72		19				
		" x 5-6-106-110	288	"	1		87				
153		Opata x B x W 12	31	3/25	0						
		Opata x No.35	91	"	12		12				
		Opata x Yellow Egg	156	"	59		28				
		Opata x Surprise	37	"	14		18				
154		9-1-31-46 x Burbank	1163	3/19	27		18				
155		Winnepeg x Yellow Egg	136	3/25							
156		Surprise x B x W 12	47	"	2						
158		S.C. x Climax x Yellow Egg	122	"	24		3				
		S.C. x Climax x No.35	143	"	44		26				
305 157		Winnepeg x Surprise	54	"							

Grape  
Pollination  
1920

G R A P E .

Pollination Record, 1920.

## SEED AND SEEDLING RECORD

Fruit.....grape.....

Year Pollinated.....1920.....

Breeding No.	Vine No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	Year Pollinated.....1920.....		Location in Seedbed	No. Seedlings Dug
							Sdgs. in Husks No. 23	Yms. in Seed No. 24		
Clusters							No. Plump Seed	Aborted Seed	Germ. nated	
	1	Alpha x Self						3	2	
	2	Alpha x self								
	3	Alpha x Self				1		6	2	
	4	Beta x Black		6/11		10		14	15	
	5	Beta x Black		"		19		6	10	
	6	Herbert x Beta		"		9				
	7	Lutia x Beta		"		13		7		
	8	Sulter x Black		"		4				
	9	Lucile x								
	10	Lindley x Self								
	11	Alpha x Self						5	5	
	12	Sulter x Beta		"				12		
	13	Worden x Beta		6/9		22				
	14	Dakota x Alpha		6/5		8		15	?	
	15	Walter's Wild white (Pfaender) x Intermediate Minn River		6/11		6				
	16	King x Self				15				





## SEED AND SEEDLING RECORD

Fruit.....grapes.....Year Pollinated.....1920.....

Breeding No.	Vine No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	Year Pollinated..... <u>1920</u> .....			Location in Seedbed	No. Seedlings Dug
							No. Plump Seed	No. Aborted Seed	No. Seed Germinated		
						<b>Clusters</b>					
31	Alpha	x Black		6/11		27		29	14		
32	Dakota	x Black		"		24		22	10		
33	Moore's	Early									Not pollinated
34	Moore's	Early									x Selfed
35	Concord										x Selfed
36	Beta										No bloom
37	Alpha										"
38	Dakota	x Self				16		20	12		
39	?	x Self				7		2	-		
40	Warden	x Selfed				1					

Sides in  
March 23Vines in  
Vineyard 24

## SEED AND SEEDLING RECORD

Fruit... Apples.....

Year Pollinated.....1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed <del>Germi- nated</del> <sup>no seeds</sup> <sup>no embryo</sup> 1923	Location in Seedbed	No. Seedlings Dug
	106	Duchess x Delicious	9	4/1	1	2	16	0			
	52	Jonathan x P Greening	356	4/2	34	10	65	5	5		
	40	Black Ben x Duchess	78	4/1	15	4	19	12	42?		
	118	King David x Duchess	64	"	17	3	20	0	30?		
	61	Gil Winesap x P Greening	320	4/2	5	4	18	5	4		
	134	Wealthy x Wilson RedJune	4	3/3	1						
	184	Hibernal x Delicious	6	4/3	1						
	109	Delicious x Charlamoff	287	4/3	18	8	49	18	20		
	100	" x <del>Wilson</del>	150	"	29	12	74	18	3		
	50	King David x Tree 81	10	4/4	1	4	20	1	1		
	188	Wilson Red June x Duchess	110	"	23	4	5	7	5		
	48	Delicious x Duchess	75	"	1						
	150	<sup>(coming in bill 1920)</sup> Unknown x University	95	"	8	8	45	5	30		
	81	Unknown x Grimes Golden	35	"	3						
	18	Delicious x P Greening	125	"	18	15	104	6	47		
	192	P. Greening x Delicious	75	3/30	21	9	51	5			
	115	Okabena x Wilson RedJune	45	4/2	17	9	65	7			
19	187	Unknown x Stay Winesap	50	4/4	15	8	34	6	9		

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## SEED AND SEEDLING RECORD

Fruit... Apples .....Year Pollinated..... 1921 .....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	128	King David x Wealthy	145	4/4	49	19	113	8			
	105	Wealthy x Gilwinesap	26	"	0	0	0				
	113	P.Greening x Delicious	16	"	4						
	197	Duchess x Jonathan	22	"	12						
	68	Charlamoff x Jonathan	14	"	9						
	165	University x Delicious	48	"							
	198	Jonathan x Charlamoff	92	"	24	14	77	7			
	25	Grimes Golden x Duchess	350	"	62	34	250	13	214		
	28	Stay Winesap x Duchess	140	3/30		9	35	14	-2	Rows-132-3	2
	177	Charlamoff x Delicious	180	4/4	39	13	83	6	17		
	124	Rome Beauty x Duchess	25	4/5							
	133	ColOrange x Okabena	30	4/5	5	4	25	2	12		
	164	Jonathan x Duchess	46	"	8	1	3	1			
	128	Evelyn x Jonathan	4	"	1	1	4	0	1		
	186	Jonathan x Charlamoff	6	"	1						
	67	Banana x Charlamoff	135	"	23	3	25	1	14		
	196	Jonathan x Duchess	70	4/1	6	2	7	0	2		
31	8	Lady Apple x University	145	4/6	33	39	223	6	96		96
									358		

## SEED AND SEEDLING RECORD

Fruit.....Apples.....

Year Pollinated 1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	<sup>no delay</sup> <del>No.</del> Seed Germinated	Location in Seedbed <i>Nursery</i>	No. Seedlings Dug
	9	King David x University	165	4/6	27	25	168	15	58		
	170	Duchess x Jonathan	174	"	22	0	22	2			
	143	N.W.Greening x Wilson Red	46	"	2	2	12	0	3		
	78	Wolf River x Lady Apple	25	"	3	2	11	4	7	Row 5, 1-7	7
	5	King David x Okabea	95	"	31	15	82	8	6		
	148	Delicious x Charlamoff	34	"	3	1	4	1	13		
		Delicious x N.W.Greening	76	"	0	0	0	0			
	86	P.Greening x King David	32	6/7	6	1	9	1	2		
	169	Wolf River x King David	8	"	2						
		Duchess x King David	54	"	7	0	47	1			
	194	x Lady Apple	28	"	10						
	34	Okabea x Delicious	48	"	2	2	15		6		
	111	Milwaukee x King David	55	"	32	7	41	4	25		
		Wealthy x Grimes Golden	8	"	4						
		7083 x University	86	4/8	3	2	14		12		
	28	Duchess x Rome Beauty	8	"	0	0	0	0			
	780	Wealthy x Rome Beauty	3	"	2						
	58	Charlamoff x Jonathan	16	"		2	13	7			
51	582	Wealthy x Charlamoff? (from nursery stock)							4		136

## SEED AND SEEDLING RECORD

Fruit..... Apples.....

Year Pollinated 1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seeds Germinated	Location in Seedbed	No. Seedlings Dug
	173	University x Delicious	135	4/8	2	1	1	1			
	11	Okabena x King David	275	"	13	10	44	17	23		
		" x Delicious	145	"		36					
	31	Wealthy x Gil. Winesap	105	4/9		7					
	126	Milwaukee x Stay. Winesap	135	"	2	2					
	162	Stay. Winesap x Wealthy	15	"	0	0	0				
	137	Delicious x Okabena	36	"	0	0	0				
	129	Wealthy x Okabena	54	"	10	10	70	4	81		
	88	King David x Okabena	110	"	27	6	32	7	6		6
		Rome Beauty x Okabena	44	"	2						
	17	Delicious x Duchess	5	"	6	0	30	1	3		
	138	Lady Apple x Duchess	5	"	0	0	0				
		Stay. Winesap x Duchess	295	4/10	38	22	70	41	5		
	101	King David x Wealthy	47	4/11	14	4	27	12	8		
		King David x Okabena	55	"	9	6	18	19			
		King David x Duchess	96	"	13	4	15	12	33		33
74		King David x P. Greening	24	"	9	7	21	26	13		13

## SEED AND SEEDLING RECORD

Fruit.....Apples.....

Year Pollinated 1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed <sup>no idly</sup> <del>in question</del> <sub>germinated</sub>	Location in Seedbed	No. Seedlings Dug
	104	Grimes Golden x Duchess	42	3/11	17	6	54	0	7		
	131	King David x Duchess	31	"	20	9	62	4			
		Delicious x Duchess	7	"	4	2	16				
	175	King David x Okabena	144	"	27	12	39	15	2		
	24	7045 x Wealthy	58	"	8	5	33	6	6		
	10	Black Ben x Okabena	105	"							
	119	Delicious x Okabena	165	"	0	0	0				
	172	Delicious x Duchess	91	"	2						
		Wealthy x Grimes Golden			7	2	12	7	8		
	60	Okabena x Jonathan				1	4	1	2		
		Okabena x Self				2	15	2			
		Okabena x Rome				2	14	2			
		Okabena x ?				13	56	21	45		
	99	King David x				9	44	2			
	191	Grimes Golden x ?				1	1	0	2		
90		Duchess x Stayman's Winecap				2	10	0			

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## SEED AND SEEDLING RECORD

Fruit..... Apples.....

Year Pollinated 1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	<sup>No. Seeds</sup> <del>No. Seeds</del> Count made	Location in Seedbed	No. Seedlings Dug
	121	S tayman's Winesap x Duchess		4/1	6	6	22	7	1		1
		Duchess x Stayman's Winesap		3/30	20						
	55	Duchess x Grimes Golden		3/29	27	4	25	0	14		14
	127	Wealthy x Self				12	80	6	8		8
		Wealthy x Okabena				8	52	6	4		
		Wealthy x Rome				2	13	1	4		
		Wealthy x ?				7	53	1	31		31
	65	Fallwater x Jonathan				3	9	5			
		Fallwater x Wealthy				1	5	1			
	123	Grimes x Okabena				9	61	3	9		
		? x Rome				1	4	0			
		Malinda x Open Pollinated							131	Row 5-8-139	131
	103/21	Jonathan x Okabena							1		
	104/21	Stayman's Winesap x Duchess							5		

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Plum

Pollination

1921

P L U M S .

Pollination Record, 1921.



## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	4	9-5-13-21 x Sapa	96	3/4	3						
		9-5-13-21 x SC. x Formosa	142	"	5						
		9-5-13-21 x Pr. Tomentosa	177	"	5						
		9-5-13-21 x Kaga	128	"	13	3					
93		No. 91 x Kaga	360	"	25	13					9
		No. 91 x Pr. Tomentosa	154	"	0	0					
		No. 91 x B x W 21	136	"	9	4					1
		No. 91 x B x W 5	154	"	7	6					3
159		B x W 6 x Wickson	66	"	6	2					
		B x W 6 x Burbank	106	"	3						
		B x W 6 x B x W 12	312	"	42	11					2
8		S.C. x Formosa x Kaga	396	"	60	10					
1		SC. x Formosa x Pr. Tomentosa	407	"	30	4					
74		B x W 21 x Wickson	412	"	17	8					
		B x W 21 x Pr. Tomentosa	62	"	0						
		B x W 21 x Kaga	274	"	19	18					3
		B x W 21 x Sapa	186	"	22						
160		Native Plum x Wickson	536	"	15	1					

From  
mummy 1923  
No.  
Seedlings  
Dug

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1931.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings - Dug <i>in nursery</i>
	12	Emerald x B x W 6	122	2/3	2						
		Emerald x B x W 12	185	"	1						
	39	A x W Mixed x B x W 21	95	"	9						
		A x W mixed x B x W 6	312	"	27						
		A x W mixed x Saps	73	"	9						
		Ax W mixed x Kaga	284	"	31						
	6	Emerald x Burbank	63	3/5	1						
		Emerald x Wickson	218	"	2						
		Emerald x Climax	83	"	4						
	141	Kaga x Sapa	130	3/3	21		5				
		Kaga x B x W 21	530	"	155		8				
		Kaga x B x W 6	422	"	108		14				
		Kaga x Pr. Tomentosa	298	"	27		4				
		Kaga x S.C. x Formosa	185	"	54		11				3
		Kaga x A x W mixed	156	"	54		7				
	168	Climax x Native Plum	12	3/5	2						
	166	No. 50 Hybrid x Kaga	135	"	12		3				
	30 161	M 5-4-55 x Pr. Tomentosa	480	"	4						

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated 1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
124		B x W 12 x Kaga	745	3/5	23	5					<i>misses</i> 23
		B x W 12 x B x W 21	206	"	1						
		B x W 12 x Pr. Tomentosa	198	"	0	0					
		B x W 12 x B x W 6	398	"	2						
		B x W 12 x Sapa	438	"	0	0					
		B x W 12 x S.C. x Satsuma	446	"	0	0					
		B x W 12 x B x W 5	210	"	0	0					
		B x W 12 x A x W mixed	361	"	3	2					
		B x W 12 x B x W 9	156	"	0	0					
162		Sapa x Harbank	194	"	39	27					4
		Sapa x Pr. Tomentosa	490	"	119	17					3
		Sapa x Kaga	332	"	146	111					18
170		B x W 9 x Kaga	149	3/6	38	17					6
		B x W 9 x B x W 12	90	"	0	0					
28		B x W 5 x A x W mixed	183	"	0						
		B x W 5 x Kaga	446	"	15	4					
		B x W 5 x B x W 21	184	"	0						
		B x W 5 x B x W 6	170	"	0						

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1921.....

Breeding No.	TAD No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
37		S.C. x Satsuma x Pr. Tomentosa	442	3/6	0		0				
34		145X x Pr. Tomentosa	831	"	26						
		145X x (S.C. x Satsuma)	156	"	2		1				2 ?
		145X x S.C. x Formosa	209	"	4						
62		Wakapa x Pr. Tomentosa	21	"	0		0				
21		S.C. x Apr. x Pr. Tomentosa	165	"	1		0				
28		B x W 5 x Wickson	47	3/8	0		0				
69		Wickson x Kaga	287	3/7	0		0				
		Wickson x Native Plum	196	"	0		0				
		Wickson x B x W 6	185	"	0		0				
		Wickson x B x W 21	210	"	0		0				
		Wickson x S.C. x Formosa	131	"	1		0				
167		Wolf (Freestone) x Wickson	3	3/9	0		0				
174		St. Rosa x Native Plum	30	"	3		0				
114		Pr. S imoni x Kaga	55	3/11	19		1				
		Pr. S imoni x Native Plum	25	"	7		0				
		Pr. S imoni x B x W 21	56	"	16		0				
		Pr. Simoni x B x W 6	40	"	9		0				

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## SEED AND SEEDLING RECORD

1921

Fruit..... Plum.....

Year Pollinated.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings <sup>1922</sup> <del>Dug</del>
105		Zumbra Cherry x Fr. Tomentosa	101	2/11	0	0	0				<i>m m m m m</i>
		Zumbra Cherry x Kaga	42	"	0	0	0				
		Zumbro Cherry x S.C. x Formosa	53	"	0	0	0				
145		Yellow Egg x B x W 21	40	"	0	0	0				
169		B x W 10 x Kaga	369	2/13	5	4	4				3
		B x W 10 x B x W 5	220	"	2	1	1				
		B x W 10 x B x W 21	283	"	4						
		B x W 10 x B x W 6	100	"	0	0	0				
		B x W 10 x Wickson	69	"	1						
		B x W 10 x B x W 12	84	"	1	1	1				
		B x W 10 x St. Rosa	32	"	0	0	0				
		B x W 10 x No. 35	195	"	3						
123		A5-2-40 x Fr. Tomentosa	202	"	7	3	3				5
182		No. 50 Hybrid x Fr. S imoni	4	"	0	0	0				
184		S.C. x Climax x S.C.	580	3/14	38	34	34				/
108		Assiniboin x Yellow Egg Formosa	28	2/15	0	0	0				
108		9-3-87-90 x P. <i>Simoni</i>									/
90	173	5-8-48-47 x Yellow Egg	19	"	2						

## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated... 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings <i>Dug</i> <i>1923</i>
	116	No. 35 x Kaga	248	3/13	90		17				3
		No. 35 x B x W 21	70	"	1						
		No. 35 x B x W 5	88	"	2		2				1
		No. 35 x B x W 5	426	"	14						
		No. 35 x B x W 12	340	"	6		3				2
	165	Winnipeg x Yellow Egg	200	3/15	0		0				
		Winnipeg x Burbank	105	"	0		0				
	178	9-3-87-90 x Pr. S imoni	163	"	16		8				
		9-3-87-90 x B x W 5	220	"	5		3				
		9-3-87-90 x Wickson	154	"	20		13				3
		9-3-87-90 x Burbank	115	"	10		3				
		9-3-87-90 x St. Rosea	104	"	15		11				8
	54	B x W 9 x B x W 6	105	"	0		0				
		B x W 9 x B x W 10	78	"	0		0				
		B x W 9 x Yellow Egg	129	"	1						
		B x W 9 x No. 35	321	"	3						
		B x W 9 x B x W 5	135	"	0		0				
		B x W 9 x B x W 21	173	"	0		0				

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## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1921.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plum Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
177	Wolf Freestone x Pr. Simoni	4	2/15	0		0				
20	Mont. Stark x Zumbra Cherry	810	2/17	42		27				
171	Eng. Morello x Pr. Tomentosa	674	"	31		28				/
85	S.C. x Apr. x Pr. Tomentosa	377	"	10						
185	Unknown S.C. x Pr. Tomentosa	488	"	0		0				
	Unknown S.C. x S.C. x Formosa	307	"	0		0				
	Unknown S.C. x S.C. x Satsuma	425	"	4		1				
	Unknown S.C. x Climax	460	"	2						
175	S.C. x Burbank	117	2/18	33		23				10
	S.C. x Pr. Tomentosa	237	"	80		20				6
	S.C. x Pr. Simoni	250	"	111		93				19
	S.C. x Kaga	81	"	34		34				2
106	Zumbro Cherry x Mission Cherry	366	"	6						
98	Wickson X Native Plum	98	2/23	0		0				
	Wickson x Winnepeg	64	"	1						
	Wickson x 9-3-87-90	90	"	1						
	Wickson x No. 35	124	"	8		1				
156	Wurprise x Burbank	26	"	0		0				

126

## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings <i>Drug</i>
186		Assiniboia x St. Rosa	6	2/26	0	0					<i>nursery</i> 23
25		B x W 9 x B X W 5	126	2/25	5						
		B x W 9 x B x W 12	137	"	1						
131		B x W 5 x Stella x Plum-68 cot	58	"	0	0					
		B x W 5 x A x W 30	151	"	2	2					
		B x W 5 x Yellow Egg	121	"	0	0					
		Bx W 5 x Bbx W 12	215	"	2						
		B x W 5 x B x W 10	330	"	4						
53		No. 91 x B x W 21	96	2/24	0	6					
179		B x W 12 x No. 109	79	2/23	109						
		B x W 12 x No. 35	241	"	54	17					/
		B x W 12 x B x W 21	94	"	6						
		B x W 12 x A x W 30	70	"	6						
		B x W 12 x Stella X Plumcot	55	"	12	1					
187		B x W 8 x B x W 5	116	"	15	4					
		B x W 8 x B x W 12	194	"	3	2					/
196		Zumbro Cherry x Cherry Tree 189	273	2/27	0	0					
145	189	Cherry x Zumbro Cherry	189	2/28	24	18					



## SEED AND SEEDLING RECORD

Fruit... Plums .....Year Pollinated... 1921 .....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
193		Sand Cherry x Pr. Simoni	316	2/26	3						<i>in nursery</i>
		" x Wickson	425	"	0		0				
		" x Burbank	215	"	0		0				
84		Compass x S. atsuma x Sapa	194	"	0		0				
		Compass x Satsuma x A5-2	258	"	1						
		-40									
29		B x W 12 x No. 35	254	2/23	4		0				
		B x W 12 x B x W 8	247	"	0		0				
88		Stella x B x W 12	227	2/26	1		1				
		Stella x B x W 5	160	"	0		0				
		Stella x B x W 6	195	"	0		0				
		Stella x B x W 85	207	"	7						
		Stella x Ax W 30	130	"	0		0				
128		B x W 12 x B x W 5	140	2/24	9		4				/
		B x W 12 x Surprise	130	"	21						
		B x W 12 x B x W 21	40	"	0		0				
		B x W 12 x No. 35	120	"	12		1				
97		A.C. Large x Cherry Tree	125	2/28	2						
163 172		Dyehouse x Mission Cherry	114	3/1	0		0				

## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	120	Emerald x B x W 5	498	2/24	15						
		Emerald x B x W 21	167	"	0	0					
		Emerald x No. 35	189	"	11	7					2
	183	Compass x Apricot Selfed	56	2/26	0						
		Compass x Apricot x S.C.	65	"	0						
		Compass x Apricot x Sand Cherry	239	"	0						
		Compass x Apricot x BxW5	224	"	0						
		Compass x Apr. x Kaga	241	"	0						
		Compass x Apricot x Winnepeg	287	"	0						
	92	S.C. Hybrid x S.C. x Satsuma	177	2/15	6						
		S.C. Hybrid x Kaga	246	"	0	0					
		S.C. Hybrid x Pr. Tomentosa	187	"	14	1					4
		S.C. Hybrid x S.C. X Bormosa	416	"	29	13					
		S.C. Hybrid x S.C. x Climax	228	"	76	41					11
	18	B x W mixed x B x W 21	150	"	0	0					
	A-5-1-52	B x W mixed x B x W 12	211	"	0	0					
		B x W mixed x B x W 5	186	"	0	0					
	201	Assiniboin x Wickson	20	3/10	0						

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug <sup>from nursery</sup> 7/23
	194	B x W Sdlg x Wickson	381	3/10	41		6				1
	5-5-1-48	B X W Sdlg x Burbank	211	"	14		13				
	204	Wickson x No.85	55	"	5						
		Wickson x No.118	29	"	0						
		Wickson x No.58	64	"	3						
		Wickson x No.59	82	"	22						
		Wickson x B x W 21	76	"	5						
		Wickson x B x W Sdlg 5-5-1-48	311	"	17						
	207	Climax x Kaga	3	3/11	0		0				
	100	B x W 21 x B x W Sdlg 5-5-1-48	480	"	137		98				25
		B x W 21 x No.118	244	"	10		6				
	91	Burbank x Kaga	640	"	136		116				9
	86	Stella x B x W S dlg 5-5-1-48	179	"	43		28				10
	26	Emerald x B x W 21	510	"	82						
	205	B x W 6 x No.103	10	"							
	132	Kaga x Burbank	389	"	73		45				2
	15	B x W 9 x Wickson	305	"							2
		B x W 9 x B x W 21	210	"	0		0				

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## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	190	No.91 x Kaga	75	3/11	3		2				1
		No.91 x No.59	32	"	0		0				
		No.91 x No.85	71	"	1		0				
	136	S.C.x Climax x Pr. Tomentosa	160	"	0		0				
5-5-17		S.C.x Climax x Burbank	316	"	54		37				10
	192	Bing x S.C. x Climax	93	3/14	0		0				
	66	S.C. x Climax X Bing	203	"	0		0				
	67	AX 5-2-40 x Pr.Tomentosa	212	3/13	16		14				5
		AX 5-2-4- x Mission Cherry	162	"	32		7				2
	63	S.C. x Climax x Burbank	955	"	306		206				39 28
	80	Wakapa x Burbank	636	3/12	75		52				13
		Wakapa x Wickson	106	"	18		16				7
		Wakapa x B x W 5	196	"	16		13				3
	31	B x W 9 x B x W 21	356	3/13	6		6				
	197	Wakapa x Burbank	408	3/12	2						
	129	5-6-165 x Pr.Tomentosa	330	3/13	5		2				
	198	B x W 6 x B x W 21	473	3/15	96		61				10
	188	Assiniboia x Wickson	13	"							

228

## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated..... 1921

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	70	Wickson x Surprise	37	3/15	29						
		Wickson x Wakapa	389	"	66		5				4
		Wickson x Assiniboin	85	"	30						
		Wickson x Terrie	87	"	19						
	17	B x W 12 x B x W 21	78	"	1						
		B x W 12 x Surprise	126	"	4						
		B x W 12 x B x W Sdlg 5-5-1-49	57	"	4						
	195	B x W 12 x Surprise	41	"	2		2				1
	209	Surprise x Wickson	167	"	1						
	121	5-6-106-110 x Sherry	142	"	0		0				
		5-6-106-110 x BxW 21	311	"	65		47				10
	33	S.C. x Apricot x B&G	316	"							
		S.C. x Apricot x B-x W 21	341	3/15							
	208	Mont. S tark x S.C. x Climax	589	12/15	23		33				
	211	B x W 5 x Kaga	254	3/19	7		2				8
	47	Assiniboin x Yellow Egg	3	3/16							
	90	Terrie x Yellow Egg	4	3/17							
	104	S.C. x Apricot x Cherry	5	3/20							

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1931.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
144		B x W 21 x No. 85	131	3/14	1						<i>in nursery</i>
		B x W 21 x No. 109	26	"	0		0				/
		B x W 21 x No. 118	63	"	11		2				
		B x W 21 x No. 104	74	"	10		7				
		B x W 21 x No. 60	34	"	0		0				
		B x W 21 x S.C. x Climax	53	"	0		0				
		B x W 21 x B x W Sdlg 505-1-49	383	"	47		39				7
		B x W 21 x Wakapa	1832	"	7		4				1
202		Yellow Egg x Surprise	66	3/15	0		0				
		Yellow Egg x Terrie	41	"	0		0				
		Yellow Egg x B x W 21	44	"	0		0				
		Yellow Egg x Wakapa	69	"	0		0				
115		Burbank x Kaga	379	"	124		48				4
		Burbank x Wakapa	348	"	68		19				2
137		Burbank x Terrie	80	3/18	8						
220		B x W 6 x Assiniboin	196	3/19	44		30				
216		Assiniboin x Wickson	132	3/20							
		Assiniboin x Yellow Egg	7	"							

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## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated..... 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug <i>in nursery</i> 125
	200	Burbank x Winnepeg	300	2/23	18	5					
		Burbank x No. 109	132	"	2	0					
		Burbank x Native Plum	201	"	6	3					
		Burbank x No. 35	307	"	163	69					/
95		Wakapa x Wickson	920	3/20	92	86					22
		Wakapa x B x W 12	471	"	13	5					/
		Wakapa x Burbank	238	"	28	22					10
		Wakapa x Yellow Egg	178	"	13	2					
23		B x W 5 x Assiniboin	139	3/18	1	1					
		Bx W 5 x Wakapa	546	"	1	1					
	212	x Wakapa	315	3/21	11	4					
219		B x W 6 x B x W 21	228	3/18							
199		Terrie x Wickson	31	3/16							
154		9-1-31-46 X Burbank	305	3/19	49						8
		9-1-31-46 x Wickson	309	"	62	57					21
		9-1-31-46 x Yellow Egg	137	"	37	11					
	87	No. 91 x B x W 12	427	"	30	20					7
282	96	S.C. x Climax x Opata	261	3/21	58	33					

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dig
	42	Eng. Morello x S. C. x Climax	150	3/15	4		2				
	22	Mont. Stark x S. C. x Climax	363	3/21	15		8				
	52	B x W 2 x Wickson	686	3/17	8		6				
		B x W 2 x Wakapa	186	"	14		5				
	89	S. C. x Apricot & Opata	26	3/21	2						
	107	Zumbro Cherry x Opata	33	"	1						
	55	B x W 2 x Kaga	213	"	44		23				(1)
		B x W 2 x Yellow Egg	358	"	97		23				
		B x W 2 x B x W 12	208	"	12						
	99	B x W 12 x B x W 5	363	3/20	36		3				2
		B x W 12 x Assiniboin	290	"	58		3				2
	155	Winnepeg x Yellow Egg	28	3/17							
	2	Kaga x Yellow Egg	15	3/19							
	203	Cherry x S. C. x Apricot	66	3 16	35		23				
		Cherry x S. C. x Climax	216	"	42		32				/
	58	Kaga x Wickson	185	"	42		19				
	140	5-6-106-110 x Yellow Egg	295	3/17	136		18				
		5-6-106-110 x Wickson	94	"	24		52				

300



## SEED AND SEEDLING RECORD

Fruit.. Plum.....

Year Pollinated... 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	153	Opata x Cherry	305	3/18	8		4				<i>m. m. m. m. m.</i>
		Opata x Bing	230	"	3						
		Opata x Yellow Egg	136	"	40		14				
		Opata x Bx W 6	405	"	6		1				
		Opata x Wickson	320	"	142		137				17
		Opata x B x W 21	135	"	7		2				
		Opata x Burbank	276	"	53		51				1
	51	5-6-102 x Yellow Egg	302	3/17	13						
		5-6-102 x Burbank	431	"	23		12				2
		5-6-102 x Wickson	278	"	9		4				1
	7	S.C. x S atsuma x BxW 21	241	"	13						
	5-7-15	S.C. x S atsuma x Cherry	296	"	0		0				
	148	5-6-11-22 x Burbank	128	"	31		12				
		5-6-11-22 x Wickson	352	"	136		54				6
		5-6-11-22 x Yellow Egg	141	"	53		4				
	65	S.C. X Apricot x Cherry	10	"	0		0				
	143	S.C. x Climax X Cherry	189	3/18	1						
	221	Terrie x Kaga	6	3/19	1						

3/18

## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	142	B x W 8 x Wickson	260	3/18	36		31				<i>in main</i>
	130	S.C. x Climax x S.C. x Apr.	149	3/19	26		5				2
	5-5-83	S.C. x Climax x Cherry	260	"	0		0				
	222	Assiniboin x Yellow Egg	7	3/19	0		0				
		Assiniboin x Kaga	31	"	1		1				(5) ?
	126	Emerald x B x W 5	188	"	1						
		Emerald x B x W 21	950	"	39						
	73	S.C. x Climax x Cherry	510	3/17	5						
		S.C. x Climax x King	213	"	3						
	180	S.C. x Climax x Cherry	620	"							
	158	S.C. x Climax x Yellow Egg	152	3/18	57		44				
		S.C. x Climax x Wickson	232	"	14		3				3
		S.C. x Climax x Burbank	71	"	8		5				5
	61	B x W 5 x B x W 12	430	3/21							
	224	B x W 12 x B x W 6	70	3/19	1						
		B x W 12 x Kaga	123	"	14		6				2
	223	B x W 12 x Wakapa	559	3/18	6		4				
	81	A x W 18 x B x W 21	473	"	56						14

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dig
	213	Assiniboin x Wickson	190	3/22	1						<i>in nursery</i> 23
	68	Sapa x Wickson	140	"	30						2
	56	Bx W 5 x Wakapa	340	"	6		1				1
		B x W 5' x Surprise	317	"	16		6				
	134	B x W mixed x Wickson	205	"							
	4-5-1-52	Bx W mixed x B x W 5	520	"	13						
	214	Wakapa x Plumcot x B x W 5	479	"	4		2				
	50	L 5-4-53 x Opata	450	"	8						
	215	F5-4-35 x S.C. x Climax	600	"	21						
	45	S.C. x Apricot x BxW 12	375	"	22						
	191	Compass x Nectarine x S.C. x Apricot	54	3/11	0		0				
	230	Sapa x B x W 12	325	4/4	67		43				11
	44	S.C. x Apricot x Burbank	195	"	62		28				9
	228	B x W 1 x B x W 12	34	"	0		0				
	226	B x W 8 x B x W 12	30	5	3		1				
	78	No. 91 x B x W 12	95	"	9		5				1
	227	Native Plum x Burbank	155	"	2						
	175	Winnipeg x Burbank	110	"	0		0				

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## SEED AND SEEDLING RECORD

Fruit..... Plum.....

Year Pollinated. 1921.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germi- nated	Location in Seedbed	No. Seedlings -Dug
	103	Assiniboin x Burbank	26	4/4	0	0					<i>missy 12</i>
	72	Winnepeg x Burbank	22	4/6	0	0					
	118	B x W 1 x Native	300	4/6	2	1					
	147	Bx W 12 x Native	295	"	23						
		Bx W 12 x Burbank	675	"	16	6					①
		B x W 12 x S urprise	225	"	12	4					/
	36	Compass x Apricot x B x W 1	48	4/4							
		Compass x Apricot x Winnepeg	75	"							
	76	Burbank x Winnepeg	170	"	76	6					
		Burbank x Native	140	"	86	8					2
	225	Surprise x Climax	12	"	0	0					
	229	St. Rosa x B x W 12	11	"	3	1					1
	16	50 Hybrid x (Assiniboin) x Native	195	4/6	3	2					<i>1/3-</i>
		50 Hybrid x Bx W 1	185	"	9	7					
	30	No. 91 x B x W 1	180	4/1	16	10					
	85	15-4-23 x Opata (Cherry)	206	3/2	79	34					13
311	217	Zumbro x S.C. x Climax		3/27	101	77					17

Plums

Pollination

1922

P L U M S.

Pollination Record, 1922.

## SEED AND SEEDLING RECORD

Fruit.....Plume.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	142	No.8 x Self	12	2/13	0						
		No.8 x Native	20	"	1						
	137	Burbank x Self	8	2/14	0						
		Burbank x Assiniboin	81	"	0						
	70	Wickson x Self	22	2/15	0						
		" x Native	114	"	0						
		" x No.5	78	"	0						
		" x Assiniboin	42	"	0						
	9	Emerald X self	19	2/16	0						
		" x No.5	338	"	36						
		" x No.9	382	"	52						
	24	Native x Self	9	"							
		" x Wickson	45	"							
	242	Assiniboin x Burbank	61	2/17	0						
	107	gumbra x Bing	22	"	0						
	165	Winnepeg x Burbank	3	2/20	0						
	192	Bing x Zumbra	240	"	0						
	53	No.91 x No.5	31	"	0						

Jul 17 '23

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## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
56		No. 5 x Self	37	2/16	0						
		No. 5 x Emerald	92	"	2						
		No. 5 x No. 9	203	"	0						
		No. 5 x Native	114	"	10						
		No. 5 x Assiniboin	105	"	11						
		No. 5 x Burbank	85	"	1 <sup>1</sup>						
126		Emerald x Self	51	2/17	0						
		" x No. 5	119	"	8						
		" x No 9	188	"	41						
		" x Native	199	"	69						6
		" x Wickson	96	"	20						
31		No. 9 x Self	70	"	0						
	5/22	No. 9 x No. 5	593	"	20						/
32		Zumbra x Ring	384	2/20	0						
		Zumbra x Self	43	"	0						
72		Winnepeg x Wickson	157	"	0						
		" x Burbank	100	"	0						
		" x No. 5	292	"	0						

He

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
120	12	Emerald x No. 5	154	2/20	3						
		Emerald x No. 9	105	"	12						
		Emerald x <sup>Native</sup> Native	102	"	38						
		x <sup>Blank</sup> Blank									<u>7</u> <u>2</u>
163		Surprise x No. 5	23	2/23	0						
16		50 Hybrid x Self	38	"	0						
		50 Hybrid x No. 5	89	"	2						
		50 " x No. 9	298	"	24						
		50 " x Wickson	240	"	9						
		50 Hybrid x St. Rosa	247	"	18						
229		St. Rosa x Self	24	2/24	1						
		" x Winnepeg	111	"	5						
		" x Native	55	"	4						
		" x No. 5	90	"	3						
180		S. C. x Climax x Bing	538	"	0						
		S. C. x Climax x Zumbra	483	"	0						
211		No. 5 x Self	18	2/23	0						
		No. 5 x Assiniboin	169	"	0						
		No. 5 x St. Rosa	30	"	0						

hje



## SEED AND SEEDLING RECORD

Fruit.....Prune.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
195		No.12 x Self	8	2/23	0						
		No.12 x Native	45	"	9						
		No. 12 x No.5	36	"	2						
		No. 12 x 50 Hybrid	59	"	5						
		No. 12 x St. Rosa	23	"	1						
227		Native x Wickson	115	2/24	0						
		Native x No.5	204	"	0						
37		S.C. x Satsuma x Zumbra	85	"	10						
		S.C. x Satsuma x Ming	223	"	0						
155		Winnipeg x Wild Peach	95	2/27	0						
		Winnipeg x Wickson	94	"	0						
13		Zumbra x Ming	112	"	0						
		Zumbra x Pr. Tomentosa	347	"	51						
17		No.12 x Amagdalus Davidiana	8	2/28	0						
		No. 12 x Kaga	40	"	10						
222		Assiniboin x Kage	5	2/2	0						

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated. 1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
244		Amagdalus Davidians x Self	10	2/28	0						
		" " x S.C. Climax	20	"	0						
		Amagdalus Davidians x No. 12	15	"	0						
		Amagdalus Davidians x Winnepeg	27	"	0						
		" " x 50 Hybrid	27	"	0						
243		Stella Sdlg x Self	179	3/1	4						
		" " x Amagdalus	41	"	12						
		" " x No. 6	280	"	0						
		" " x No. 10	159	"	5						
		" " x Winnepeg	66	"	43						
169		No. 10 x Kaga	91	3/2	20						5
		" x Self	6	"	0						
		" x Amagdalus	60	"	0						
		" x Stella Sdlg	124	"	10						
		" x No. 6	37	"	1						
		" x No. 12	17	"	0						
		" x Winnepeg	73	"	20						1
		" x Pr. Tomentosa	70	"	1						
		x Blank	—	—	—						2

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## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....192.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
205		No. 6 x Self	14	3/2	0						
		No. 6 x Kaga	110	"	51						
		No. 6 x Stella S dlg	112	"	17						
		No. 6 x Amagdalus	59	"	0						
		No. 6 x Pr. Tomentosa	186	"	0						
		x <i>Blank</i>									
61		No. 5 x Self	46	3/3	0						L
		No. 5 x A magdalus	69	"	0						
		No. 5 x Kaga	176	"	18						
		No. 5 x No. 10	113	"	1						
		No. 5 x Terrie	107	"	12						
		No. 5 x No. 6	67	"	0						
		No. 5 x Stella Sdlg	109	"	6						
124		No. 12 x No. 6	76	"	2						
		No. 12 x No. 5	59	"	2						
		No. 12 x No. 10	61	"	6						
176		Terrie x Self	47	3/4	0						
		Terrie x Kaga	101	"	0						
		Terrie x No. 5	83	"	0						

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated...1932.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
15		Climax X Wolf	15	3/4	4						
240		Wolf x Self	3	"	0						
		Wolf x Pr. Simoni	8	"	0						
		Wolf x No. 5	64	"	1						
		Wolf x Stella Sdlg	46	"	1						
189		Cherry x Kaga	86	"	13						
		" x Eng	64	"	14						
		" x Pr. Tomentosa	53	"	23						
		" x Amagdalus	28	"	3						
		" x S.C. x Climax	48	"	12						
		" x Zumbra	190	"	15						
65		S.C. x Apr. x Self	42	3/7	0						
		S.C. x Apr. x Vladimir	79	"	0						
		S.C. x Apr. x Pr. Tomentosa	132	"	1						
40		Zumbra x Vladimir	285	"	1						
		Zumbra x Self	40	"	0						
20		Mont S tark x Zumbra	735	3/4	122						
132		Kaga x Rochester	17	3/8							

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated...1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	213	Assiniboin x Amagdalus	47	3/7	0						
		" x No.35	27	"	1						
		" x Lemon Cling 9	9	"	1						
		" x No.5	31	"	1						
		" x Kaga	37	"	15						
	41	Zumbra x S.C. x Apr.	223	"	38						
		" x Self	25	"	0						
		" x Cherry	280	"	0						
	157	Winnepeg x Self	49	3/8	0						
		" x Lemon Cling	155	"	2						
		" x Kaga	54	"	1						
		" x Burbank	128	"	0						
		" x Almond	74	"	26						
		" x Amagdalus	57	"	0						
	239	Burbank x No.35	108	"	45						
		" x Winnepeg	36	"	22						
		" x Kaga	57	"	44						
	250	J.H.Hale x Kaga	1	"	1						

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
182		50 Hybrid x Kaga	124	3/8	0						
		50 Hybrid x Burbank	127	"	1						
219		No. 6 x Self	73	"	9						
		No. 6 x No. 30	190	"	5						1
		No. 6 x No. 109	95	"	12						5
		No. 6 x No. 35	114	"	33						
28		No. 5 x Lemon Cling	84	"	1						
		" x Amagdalus	77	"	0						
		" x No. 91	255	"	6						
		" x Kaga	145	"	21						
		" x Winnepeg	125	"	27						2
		" x Rochester	98	"	3						
247		Omaha x Wyant x No. 5	279	"	17						
22		Mont. Stark x Pr. Tomentosa	573	3/7	173						
249		Ey. Crawford x Almond	16	3/8	0						
251		Lemon Cling x Kaga	48	"	13						
246		Hiley x Kaga	13	3/10	0						
245		Rochester x Kaga	44	"	26						1

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	87	No.91 x Kaga	142	3/8	4						/
		No.91 x Amagdalus	142	"	0						
		No.91 x Terrie	129	"	37						
		No.91 x Stella Sdlg	72	"	2						
		No.91 x Lemon Cling	39	"	0						
103		Assiniboin x Burbank	95	"	0						
		" x Lemon Cling	77	"	17						
		" x Kaga	237	"	8						
203		Cherry x S.C.	223	"	84						
		" " x Apr.	84	"	25						
		" x Zumbra	130	"	25						
		" x Pr.Tomentosa	164	"	56						
209		Surprise x Rochester	56	3/10	0						
		" x Burbank	62	"	6						4
262		Black Tartarian xZumbra	2	"	0						
174		St.Rosa x Assiniboin	227	3/8	31						
	26	Emerald x Kaga	17	"	0						
	270	October Purple x Kaga	2	2/10	0						

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## SEED AND SEEDLING RECORD

Fruit..... Plums.....Year Pollinated. 1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
128		No.12 x Amagdalus	44	3/10	1						
		No.12 x Kaga	57	"	4						
248		Shiro x Assiniboin	209	"	52						
		Shiro x Terrie	72	"	15						
		Shiro x Wolf	48	"	13						
253		Native x Lemon Cling	29	"	6						
		Native x Burbank	33	"	6						
208		Mont. Stark x Zumbra	456	3/8	162						
252		No.92 x Lemon Cling	41	3/10	3						
"		No.92 x Rochester	60	"	0						
"		" x Burbank	71	"	3						8
"		" x St. Rosa	63	"	6						
"		" x Hiley	53	"	2						
"		" x Kaga	118	"	67 <sup>v</sup>						3
254		Native x Burbank	43	"	3						2
131		No.5 x Wakapa	302	"	3						
		No.5 x Kaga	317	"	46						
200		69 Wickeon x Assiniboin	408	3/11	30						



## SEED AND SEEDLING RECORD

Fruit.....plums.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
160		Native Plum x Burbank	134	3/11	0						
		" x Rochester	30	"	0						
80		Wakapa x Burbank	235	"	22						
		" x Wickson	293	"	52						
98		Wickson x Assiniboin	148	"	2						
		" x Wakapa	109	"	2						
131		No.5 x Assiniboin	289	"	4						
		No.5 x Lemon Cling	77	"	0						
		No.5 x S.C. x Apr.	33	"	0						
199		Terrie x Burbank	43	3/12	1						
259		Yellow Spanish x Zumbra	7	"	0						
260		Black Tartarianx "	10	"	0						
204		Wickson x Terrie	9	"	0						
183		Compass x Apr. x Kaga	301	3/10	0						
256		Reine Hortense x Zumbra	6	3/12	0						
78		No.91 x No.5	462	"	17						
2		Kaga x Lemon Cling	825		10						/
		Kaga x Rochester	999	2/12	51						

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## SEED AND SEEDLING RECORD

Fruit.....PLUMS.....

Year Pollinated.....1922.....

Breeding No.	Tab No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
200		Burbank x Winnepeg	181	3/12	67						2
		S and Cherry x Rochester	311	"	3						
		Sand Cherry x Kaga	88	"	5						
42		Eng Morello x Pr. Tomentosa	510	"	141						
		5-8-48-47 x Burbank	194	"	22						
257		No. 92 x No. 5	230	"	9						
30		No. 91 x No. 5	139	"	6						
93		No. 91 x Kaga	148	"	21						
	N	No. 91 x No. 5	222	"							
39		AA x W Mixed x No. 5	39	"	14						
187		No. 8 x No. 5	345	3/13	64						/
23		No. 5 x No. 1	311	"	0						
		No. 5 x No. 12	206	"	0						
283		Reine Hortense x Zumbra	57	"							
110		S. C. x Hiley	311	3/14	10						
10		Zumbra x Reine Hortense	297	"	9						
261		Monarch x Kaga	2	"	0						
236 105		Zumbra x Cherry	195	"	6						

## SEED AND SEEDLING RECORD

Fruit.....PLUMS.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
		Native X Burbank	138	3/14	1						
273		No.12 x No.1	81	"	14						
230		Sapa x No.1	227	"	44						1
<del>230</del>		Sapa x No.5	207	"	67						6
226		No.8 x No.5	525	"	88						
		No.8 x No.1	378	"	73						
179		No.12 x No.1	127	"	0						
207		Climax x Wolf	6	"	0						
190		No.91 x Kaga	181	"	19						1
170		No.9 x Kaga	90	"	0						
228		No.1 x Terrie	247	"	24						
		No.1 x Winnepeg	177	"	37						2
		No.1 x Wolf	305	"	53						1
		x Blank									1
134		BxxW Mixed x Kaga	390	"	44						
36		Kompas x Apr. x Kaga	416	"	0						
102		Assiniboin x Burbank	71	"	0						
171		Eng. Morello x Pr. Tomentosa	301	"	93						

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## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1922.....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
111		No.12 x Kaga	154	3/14	17						/
		No.12 x Winnepeg	235	"	54						/
122		Kaga x Riley	734	3/15	30						/
275		Ey. Alberta x Kaga	21	"	12						/
277		Bureka x Kaga	3	"	0						
202		Yellow Egg x Kaga	286	"	0						
178		9-5-78-90 x No.5	307	"	21						
		9-5-78-90 x Yellow Egg	187	"	23						
129		5-6-165 x Wild peach	356	"	0						
48		Ey. Richmond x Zumbra	611	"	155						
77		Winnepeg x Burbank	253	"	0						
		" x Yellow Egg	222	"	1						
264		Ey. Alberta x Kaga	43	"	12						
265		Ey. Crawford x Kaga	42	3/16	5						
267		Ey. Alberta x Kaga	3	"	0						
271		J.H.Hale x Kaga	6	"	0						
153		Opata x Ey. Alberta	238	"	5						
48		Ey. Richmond x Pr. Tomentosa	364	"	134						

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## SEED AND SEEDLING RECORD

Fruit..... Plum .....Year Pollinated... 1922 .....

Breeding No.	Tub No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
25	No. 9	x J.H. Hale	281	3/16	11						
18	Reine Hortense	x Kaga	8	"	0						
280	No. 92	x Winnepeg	235	3/20	87						7
172	Dyehouse	x Cherry	310	"	34						
282	Reine Hortense	x Zumbra		3/14	3						
131											
236	Wolf Freestone	x Terrie	253	4/3							2
206	Native	x Terrie	54	"							
	Blk. 3	x Terrie	127	"	-						1
90	Terrie	x Wolf	235	"							15
		Native x Surprise (-/22) record									9
		entered 9/11/23 from data on									
		sdlgs in cold frame 1923.									
		Surprise x Terrie (225/22)									16
		do abort.									
120/22	Emerald	x Blank									1
22	35	x 30									1
22	98	x Surprise									1

P.M. 2 3 120



## SEED AND SEEDLING RECORD

Fruit.....Plum.....Year Pollinated.....1922.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	B x W 12 x B x W 50	423	5/11		2					
	Bx W 12 x B x W 9	495			1					
	B x W 12 x Assiniboin	245			26					
	B x W 12 x B x W 17	490			3					
	Bx W 12 x B x W 6	350			0					
	B x W 12 x B x W 8	535			24					
	B x W 12 x B x W 5	470			2					
	B x W 12 x B x W 2	455			0					
	B x W 12 x 10	325			1					
	B x W 12 x 16	500			0					
	B x W 12 x 13	490			22					
	B x W 12 x 1	374			0					
	B x W 12 x 3	190			1					
	B x W 12 x 21	345			0					
	B x W 12 x Mixed (Picked up) under tree				9					

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## SEED AND SEEDLING RECORD

Fruit..... Plum.....Year Pollinated..... 1922.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
	B x W 10 x 1		430	5/11						
PO 24/22	10 x 3		380		16					
	B x W 10 x 2		450							
	B x W 10 x 4		530							
	B x W 10 x 9		410	5/12						
	B x W 10 x 12		526							
	B x W 10 x 8		595							
	B x W 10 x 22		415							
PO 25/22	10 x 13		498		6					
	B x W 10 x 6		515							
PO 26/22	10 x Assiniboin		500		9					

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## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1922.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PO 27/22	B x W #2 x Assiniboin	512	5.12		2					1 (anyway)
PO 28/22	#2 x No. 5	245			1					
B x W	#2 x No. 12	400								
"	#2 x No. 21	500								
"	No. 5 x 17	450	5/12		0					
"	No. 5 x 21	438			0					
"	No. 5 x 13	298			0					
"	No. 5 x 16	340			0					
"	No. 5 x 9	290			0					
"	No. 5 x 12	230			0					
PO 22/22	No. 5 x 4	262			2					
B x W	No. 5 x 6	374			0					
"	No. 5 x 8	310			0					
PO 23/22	No. 5 x Assiniboin	350			1					

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